

Title (en)  
INTERNET PROTOCOL THREAT PREVENTION

Title (de)  
BEDROHUNGSPRÄVENTION FÜR INTERNETPROTOKOLL

Title (fr)  
PRÉVENTION DE MENACE DE PROTOCOLE INTERNET

Publication  
**EP 2972867 A4 20170301 (EN)**

Application  
**EP 14775712 A 20140313**

Priority  
• US 201361782669 P 20130314  
• US 2014025741 W 20140313

Abstract (en)  
[origin: US2014283085A1] Blocking high-risk IP connections in real-time while allowing tailoring of an acceptable risk profile to match the security requirements of network resources. By acquiring IP threat information about IP addresses, including risk confidence levels, assigning weighting factor values corresponding to various characteristics of the IP addresses, and mathematically transforming the risk confidence levels using the weighting factor values, traffic from IP addresses posing unacceptable levels of risk is blocked. Further, mathematically transforming risk confidence level to a user-defined acceptable risk level permits allowing traffic from the IP addresses having an acceptable level of risk.

IPC 8 full level  
**H04L 29/06** (2006.01)

CPC (source: EP US)  
**G06F 21/554** (2013.01 - EP US); **G06F 21/577** (2013.01 - EP US); **H04L 63/0236** (2013.01 - EP US); **H04L 63/0263** (2013.01 - EP US); **H04L 63/1408** (2013.01 - EP US); **H04L 63/1433** (2013.01 - US); **H04L 63/1441** (2013.01 - EP US); **G06F 2221/033** (2013.01 - US); **G06F 2221/2111** (2013.01 - EP US); **G06F 2221/2119** (2013.01 - EP US)

Citation (search report)  
• [X] US 2009089869 A1 20090402 - VARGHESE THOMAS EMMANUEL [US]  
• [A] US 2010269168 A1 20101021 - HEGLI RON [US], et al  
• [A] EP 2498442 A1 20120912 - OPENET TELECOM LTD [IE]  
• See references of WO 2014160062A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2014283085 A1 20140918; US 9342691 B2 20160517**; AU 2014244137 A1 20151105; AU 2014244137 B2 20181206; BR 112015023341 A2 20170718; CA 2909161 A1 20141002; CN 105210042 A 20151230; CN 105210042 B 20190712; EP 2972867 A1 20160120; EP 2972867 A4 20170301; TW 201445962 A 20141201; US 2016337315 A1 20161117; WO 2014160062 A1 20141002

DOCDB simple family (application)  
**US 201414208998 A 20140313**; AU 2014244137 A 20140313; BR 112015023341 A 20140313; CA 2909161 A 20140313; CN 201480027018 A 20140313; EP 14775712 A 20140313; TW 103109605 A 20140314; US 2014025741 W 20140313; US 201615155853 A 20160516